



Detection, Alarm Equipment & Emergency Lighting

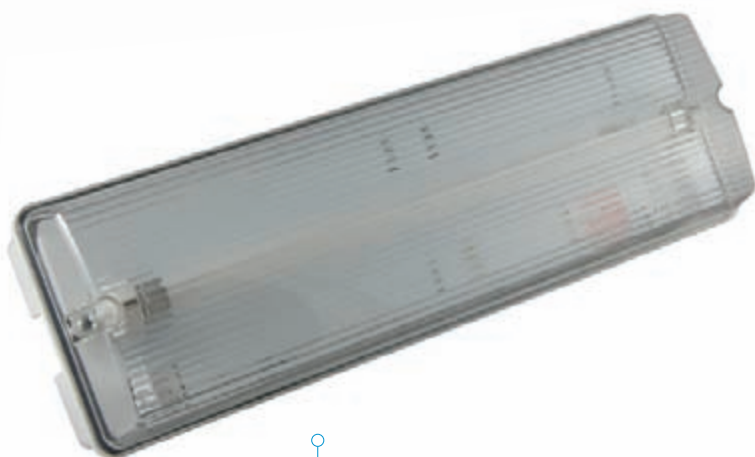


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8W Bulkhead Emergency Light

ELB01/ELB02



Legend Kit:

The optional Legend Kit that can be used with both the ELB01, ELB02 and ELB04 Bulkhead Emergency Lights comprises of 4 individual stickers (shown below) which can be used in combination to display any exit sign.

Product order code: **ELBLEG**

The self-contained emergency lights comprise of a polycarbonate base and diffuser with a screw-free gear tray of metal construction. The unit is also fitted with a special air valve in the back box which provides ventilation when exposed to high temperatures.

Features:

- > Polycarbonate base and diffuser
- > Screw-free gear tray
- > IP65
- > Self adhesive legend kit available
- > Over-charge and over-discharge protection



Model	ELB01 / ELB02
Non-Maintained / Maintained	Non-Maintained / Maintained
Input Voltage	220-240 AC
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz / 60Hz
Power	8W
Battery	Ni-Cd 2.4V 45Ah
Emergency Duration	3 Hours
Dimensions (mm)	Width: 345mm Depth: 106mm Width: 76mm

8W Mains Bulkhead Emergency Light

ELB04

Features:

- > Polycarbonate base and diffuser
- > Screw-free gear tray
- > IP65
- > Self adhesive legend kit available (ELBLEG)



Model	ELB04
Input Voltage	220-240 AC 50Hz
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz
Power	8W
Dimensions (mm)	Width: 345mm Depth: 106mm Width: 76mm

Recessed 8W Emergency Light

ELB03/ELB05

Features:

- > Polycarbonate diffuser
- > Recessed Mounted
- > Over-charge and over-discharge protection



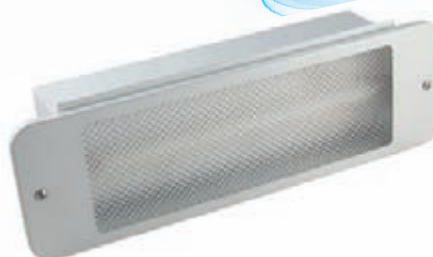
Model	ELB03 / ELB05
Non-Maintained / Maintained	Non-Maintained / Maintained
Input Voltage	220-240 AC
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz
Power	8W
Battery	Ni-Cd 2.4V 45Ah
Emergency Duration	3 Hours
Dimensions (mm)	Width: 420mm Depth: 145mm Width: 100mm

Recessed 8W Mains Emergency Light

ELB06

Features:

- > Polycarbonate diffuser
- > Recessed mounted



Model	ELB06
Input Voltage	220-240 AC 50Hz
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz
Power	8W
Dimensions (mm)	Width: 420mm Depth: 145mm Width: 100mm

8W Mains Emergency Exit Box

ELEB05



Features:

- > Polycarbonate legend panel (as depicted)
- > Robust steel box

Model	ELEB05
Input Voltage	220-240 AC 50Hz
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz
Power	8W
Dimensions (mm)	Width: 392mm Depth: 190mm Width: 61mm

8W Maintained Emergency Exit Box

ELEB04

Features:

- > Polycarbonate legend panel (as depicted)
- > Robust steel box
- > Over-charge and over-discharge protection



Model	ELEB04
Maintained	Maintained
Input Voltage	220-240 AC 50Hz
Lamp Type	T5 8W Fluorescent Tube
Mains Frequency	50Hz
Power	8W
Battery	Ni-Cd 2.4V 4.5Ah
Emergency Duration	3 Hours
Dimensions (mm)	Width: 392mm Depth: 190mm Width: 61mm

Hanging Maintained Emergency Exit Sign

ELH01/ELH02/ELH03

Features:

- > Available in Chrome, White or Brass
- > Aluminium frame
- > Polycarbonate legend
- > Robust steel ceiling mounted bracket
- > Over-charge and over-discharge protection



Model	ELH01 Chrome ELH02 White ELH03 Brass
Maintained	Maintained
Input Voltage	220-240 AC 50Hz
Lamp Type	5mm White LED x 14
Mains Frequency	50Hz
Power	4W
Battery	Ni-Cd 3.6V 0.6Ah
Emergency Duration	3 Hours
Dimensions (mm)	Main body: Width: 408mm Height: 208mm Depth: 52mm Hanging chains: Height: 303mm Top unit: Width: 408mm Height: 33mm

Hanging Mains Emergency Exit Sign

ELH04/ELH05/ELH06

Features:

- > Available in Chrome, White or Brass
- > Aluminium frame
- > Polycarbonate legend
- > Robust steel ceiling mounted bracket



Model	ELH04 Chrome ELH05 White ELH06 Brass
Input Voltage	220-240 AC 50Hz
Lamp Type	5mm White LED x 14
Mains Frequency	50Hz
Power	4W
Emergency Duration	3 Hours
Dimensions (mm)	Main body: Width: 408mm Height: 208mm Depth: 52mm Hanging chains: Height: 303mm Top unit: Width: 408mm Height: 33mm

Twin Non-Maintained Emergency Spotlight with 20W Halogen Lamps

ELS01

Features:

- > Robust steel housing
- > Can be top or bottom mounted
- > Over-charge and over-discharge protection



Model	ELS01
Maintained	Non-Maintained
Input Voltage	220-240V AC 50Hz
Lamp Type	2 x 20W halogen lamps
Mains Frequency	50Hz
Power	2 x 20W
Battery	2 x 12V 7Ah SLA
Emergency Duration	3 Hours
Dimensions (mm)	Width: 310mm Depth: 325mm Width: 72mm

LED Retro Fit Emergency Lighting Unit

ELBLED

The Led Retro Fit Emergency Lighting Unit will fit virtually any 8 Watt emergency bulkhead fitting (both maintained and non-maintained). The unit is supplied complete with batteries in a 'clip-in' housing. It is easy to fit the new LED unit, just remove the old 8 Watt tube, remove the lampholders and clip the new LED unit onto the gear tray, connect the mains cable and the job is complete. The unit complies with EN60598.22.

The units can be quickly and easily fitted and has an average life of 50,000 hours compared with 9,000 for a conventional 8 Watt tube.



Model	ELBLED
Light Source	High output voltage White LED
Construction	Polycarbonate tray
Battery	4.8 Volt 900mA Nicad
Charge Current	50mA Nominal
Input Voltage	230 Volt AC +10% -6% 50Hz
Size	305mm x 60mm x 18mm

Push Button Temporary Fire Alarm

ESA6

The push button temporary fire alarm is activated by pressing the button fixed on the front of the device. Once activated, the unit will sound and flash with a sound output of 85 decibels. The units can be used as a standalone unit or up to 32 units can be interconnected.



Features:

- > Standalone or interconnect up to 32 units
- > 85 decibels @ 3 metres with a flashing strobe alarm.

Model	ESA6
Operating Voltage	8 x AA batteries (12V DC)
Average Current	10uA
Alarm Current	200mA
Sound Output	85 decibels @ 3 metres
Strobe Colour	Red
Operating Temperature	-10°C to + 50°C
Minimum Continuous Temperature	0°C
Maximum Humidity	95% RH Non Condensing
Alarm Activation	Manual (press button)
Reset	Manual (twist button)
Number of interlinked units	Up to 32
IP Rating	IP35
Size	Width: 230mm, Height: 230mm, Depth: 104mm
Weight (including batteries)	850g

Disabled Toilet Alarm Remote Indicator

DPTA01-06

Features:

- > Simple 3 wire operation for all field devices
- > Control panel supporting up to 4 zones
- > Simple maintenance and fault diagnosis
- > On board buzzer in both Control Panel and Remote Indicator
- > Zone LED indication on control specification
- > Full range of field devices available (i.e. pull cord, remote reset and remote indicator)
- > A technical user manual is available for these products

The Disabled Persons Toilet Alarms System is available as a single zone kit which can be expanded up to a maximum of 4 zones (where one zone is typically used for each individual toilet). The Disabled Person Toilet Alarm System meets the requirements of BS8300.



Technical specification:

Mains Input Voltage	230VAC 50Hz/60Hz
Quiescent Standby Current	3mA DC (Buzzer Muted)
Maximum Overall Supply Current	250 mA DC (Maximum)

Product order codes:

Product Order Code	Product Description
DPTA01	Disabled Toilet Alarm 1 Zone Kit
DPTA02	Disabled Toilet Alarm Control Panel
DPTA03	Disabled Toilet Alarm Pull Cord
DPTA04	Disabled Toilet Alarm Remote Reset
DPTA05	Disabled Toilet Alarm Remote Indicator
DPTA06	Disabled Toilet Sticker
DPTA07	Disabled Toilet Alarm 2 Zone Kit
DPTA08	Disabled Toilet Alarm 3 Zone Kit
DPTA09	Disabled Toilet Alarm 4 Zone Kit

Mains Reset Call Point

HOY010

The Mains Reset Call Point is a unique product that mimics the feel of breaking glass but the call-point can be re-set and re-used therefore improving environmental efficiency. An activation indicator drops into view at the top of the window after the reset Call Point has been operated. The unit is then simply re-set with a key and is ready for immediate re-use again. The Reset Call Point is suitable for indoor use only.

Applications:

The Reset Call Point is compatible with most conventional fire alarms systems and it is safe for use where glass cannot be used e.g. food processing plants, kitchens and swimming pools. As the unit can be quickly and easily reset, it is ideal for use in places that suffer from a high number of activations such as schools, prisons, shopping centres and other public places.



Features:

- > EN54-11 approved
- > Suitable for indoor use
- > Glass appearance maintains operator deterrence
- > Positive activation that mimics the feel of breaking glass
- > Visible warning flag confirms activation
- > Simple key to reset operating element (no broken glass)
- > Complete functional test with every activation

Model	HOY010
Current rating	3 Amps 12 – 24V DC
Low current rating	1-100 mA 5 – 12V DC 0.1 Amps 125 – 250v AC
Housing and Mounting Box Material	Polycarbonate
Electrical Contact Material	Silver Plated Brass
Operating Temperature	-20°C to +65°C
Installation Terminal Conductor Size	0.5mm – 2.5mm
Mounting	Flush or surface with back box
IP Rating	IP32

Additional products for use with HOY010 Mains Reset Call Point:

HOY011	Mains Reset Call Point Flush Mount Bezel
HOY012	Mains Reset Call Point Cover (clear)
HOY013	Mains Reset Call Point Key

Mains Conventional Optical Smoke Detector

SD010

The Mains Conventional Optical Smoke Detector uses a pulsing IR LED and photodiode to detect IR scatter caused by smoke entering the chamber. The detector is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam and all similar materials which produce small visible particles (from 0.5 to 10µm). The detector is supplied complete with an extra LED to improve detector identification in an alarm condition.

The detector will work with most modern fire alarm control panels and comes supplied with a locking grub screw to prevent unauthorised head removal.



Features:

- > Designed to meet EN54 requirements
- > Attractive design
- > Dual LEDs for 360° visibility
- > Lockable base to stop unauthorised removal

Model	SD010
Detector Class	Optical Smoke
Design Standard	EN54 Part 7
Approval	DIFT
Operating Voltage	9-33V DC
Quiescent Current	65µA
Alarm Current @ 24V DC	53mA MAX
Operating Temperature	-10°C to +50°C
Minimum Continuous Temperature	0°C
Maximum Humidity	95% RH non-condensing
Alarm Condition	2.4% obscuration per metre
Coverage	100m ²
IP rating	IP43
Start-up Time	10 Seconds
Size: without base/with base	100mm x 37mm / 101mm x 53mm
Weight: without base/with base	95g / 153g

Additional products for use with Mains Conventional Optical Smoke Detector SD010:

SD012	Conventional Diode Base
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Mains Conventional Rate of Rise and Fixed Heat Detector

SD011

The Rate of Rise and Fixed Heat Detector uses a thermistor arrangement to sense a quick rise in temperature and also a final threshold temperature of 57°C. The detector has a single thermistor arrangement that gives an alarm at a temperature of 90°C. The detector has an extra LED to improve detector identification in alarm conditions.

The detector will work with most modern fire alarm control panels and comes supplied with a locking grub screw to prevent unauthorised head removal.



Features:

- > Designed to meet EN54 requirements
- > Lockable to base to stop unauthorised removal
- > Remote LED output
- > Dual LEDs for 360° visibility

Model	SD011
Detector Class	Rate of Rise and Fixed Heat Detector
Design Standard	EN54 Part 5
Approval	DIFT
Operating Voltage	9-33V DC
Quiescent Current	40µA
Alarm Current @ 24V DC	34mA
Operating Temperature	-10°C to +50°C
Maximum Continuous Temperature	0°C
Maximum Humidity	95% RH non-condensing
Alarm Condition	Rate of rise or fixed heat trigger @ 57°C
Coverage	50m2
IP Rating	IP43
Start-up Time	10 Seconds
Size: without base/with base	100mm x 48mm / 101mm x 64mm
Weight: without base/with base	75g / 133g

Additional products for use with Mains Rate of Rise and Fixed Heat Detector SD011:

SD012	Conventional Diode Base
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Puff Alert Cigarette Detector

CD01

Features:

- > 3 sensitivity settings
- > Interconnection facility
- > LED & Piezo alarm warnings
- > Alarm silence button
- > Auto resetting alarm when smoke clears
- > Choice of fast or slow pattern for alarm tone
- > Test button
- > Low battery warning
- > Detector attaches to mounting plate for ease of installation
- > Locking peg to deter unauthorised removal
- > Remote indicator included
- > 5 year lithium battery included



The Puff Alert Cigarette Detector has a remote indicator which is hardwired to the detector and is typically installed in an alternative location such as above the no smoking room or in a manager's office. The remote indicator will sound & flash should the cigarette detector be triggered. Both the detector & remote indicator are supplied with integral 5 year guaranteed lithium battery.

Technical specification (CD01 only excluding LED indicator):

Operating Voltage	9V DC
Quiescent Current	7 μ A
Alarm Current	35mA Max
Alarm Output	85dB @ 1 metre
Alarm Reset	Will reset when the smoke clears
Alarm LED Colour	Red
Operating Temperature	-4°C to +50°C
Minimum Continuous Temp	0°C
Maximum Humidity	95% RH Non Condensing
IP Rating	IP43
Size	Diameter: 105mm, Depth: 50mm
Weight	177grams (including battery)

CD01	Stand Alone Puff Alert Cigarette Detector and Remote Indicator
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